

## Base strip - MSTBA 2,5/12-G-5,08 - 1757349

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

### Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to the PCB
- ✓ Closed contour for optimum stability of the plug-in connection



### Key Commercial Data

Packing unit	50 STK
GTIN	
GTIN	4017918029876
Weight per Piece (excluding packing)	4.000 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	12 mm
Pitch	5.08 mm
Dimension a	55.88 mm
Width	62.88 mm
Constructional height	8.6 mm
Height	12.1 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm

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## Technical data

### Dimensions

Hole diameter	1.4 mm
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### General

Range of articles	MSTBA 2,5/...-G
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	12

### Standards and Regulations

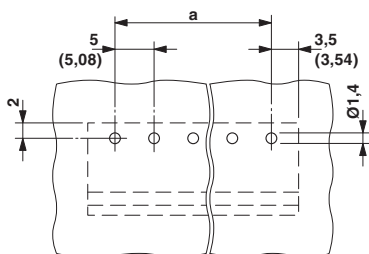
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

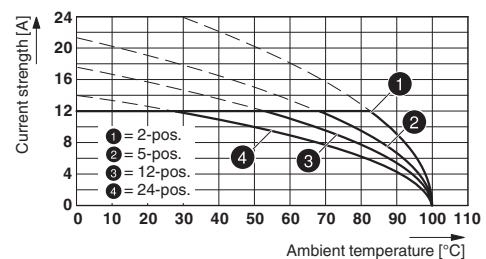
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram

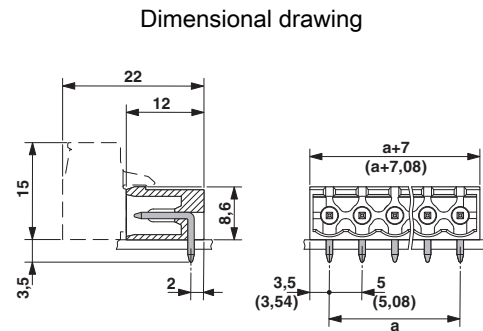
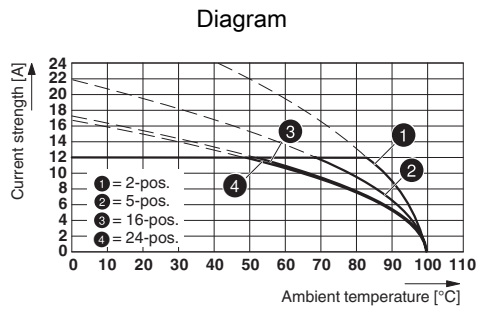


Diagram

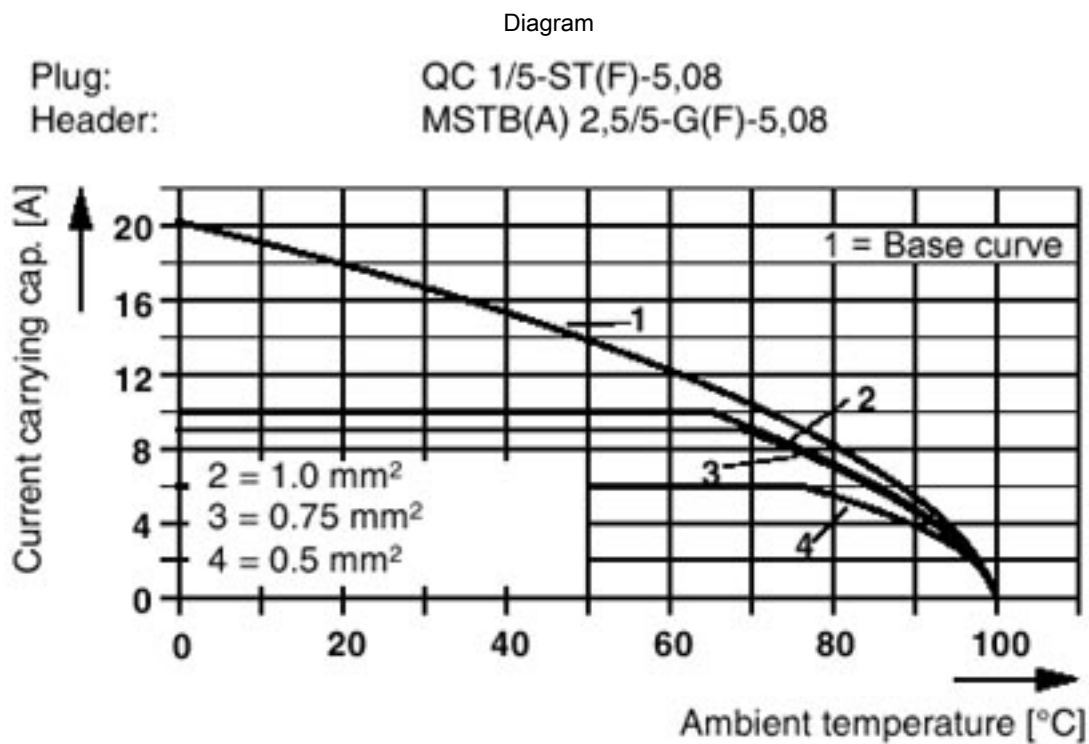


Type: ICV 2,5/...-G-5,08 with MSTBA 2,5/...-G-5,08

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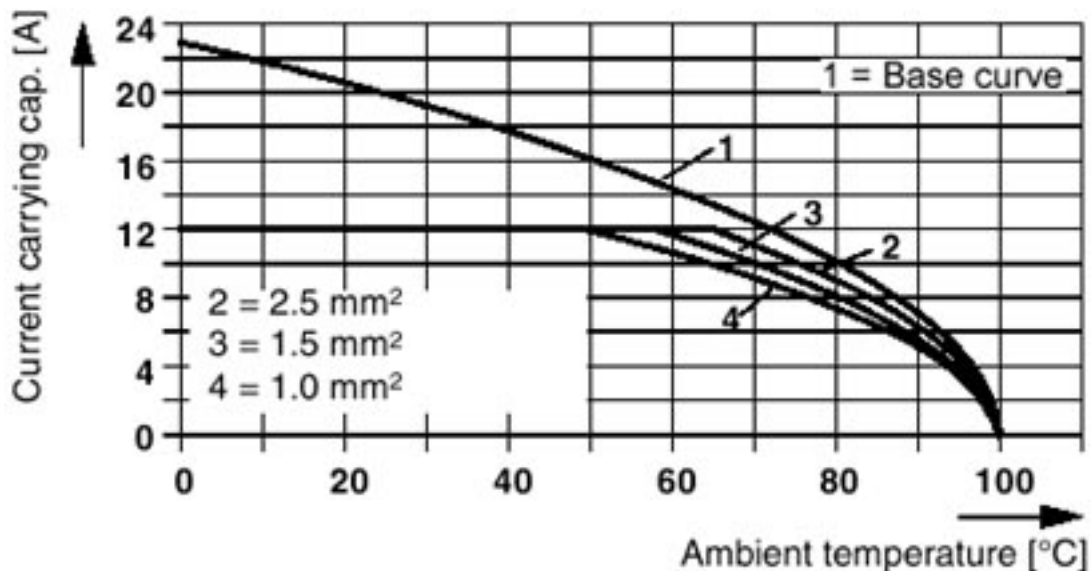
Type: IC 2,5/...-G-5,08 with MSTBA 2,5/...-G-5,08



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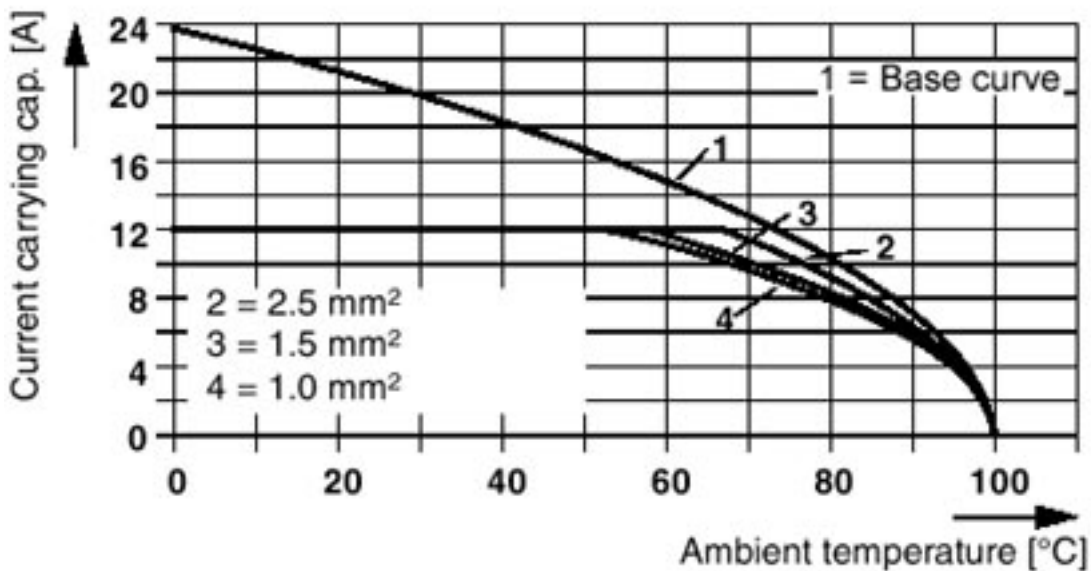
Diagram

Plug: MSTBT 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



Diagram

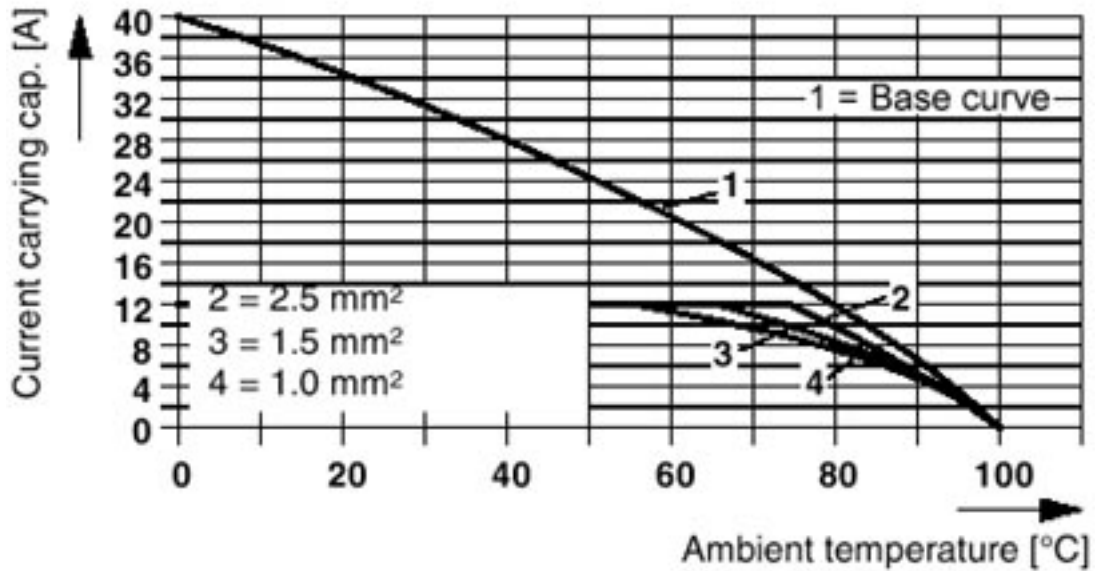
Plug: SMSTB 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



# Base strip - MSTBA 2,5/12-G-5,08 - 1757349

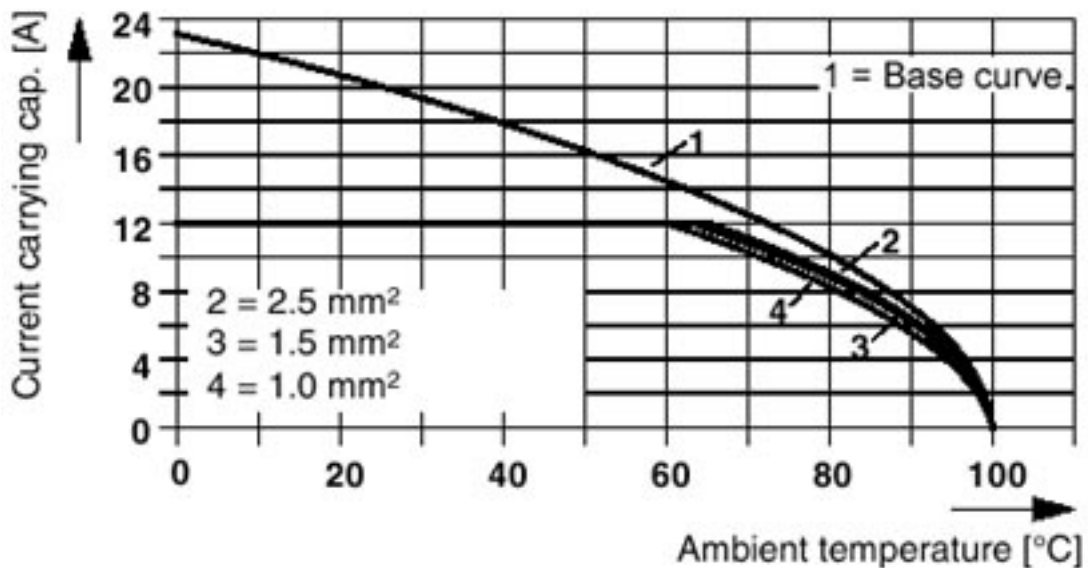
Diagram

Plug: MVSTBR(W) 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



Diagram

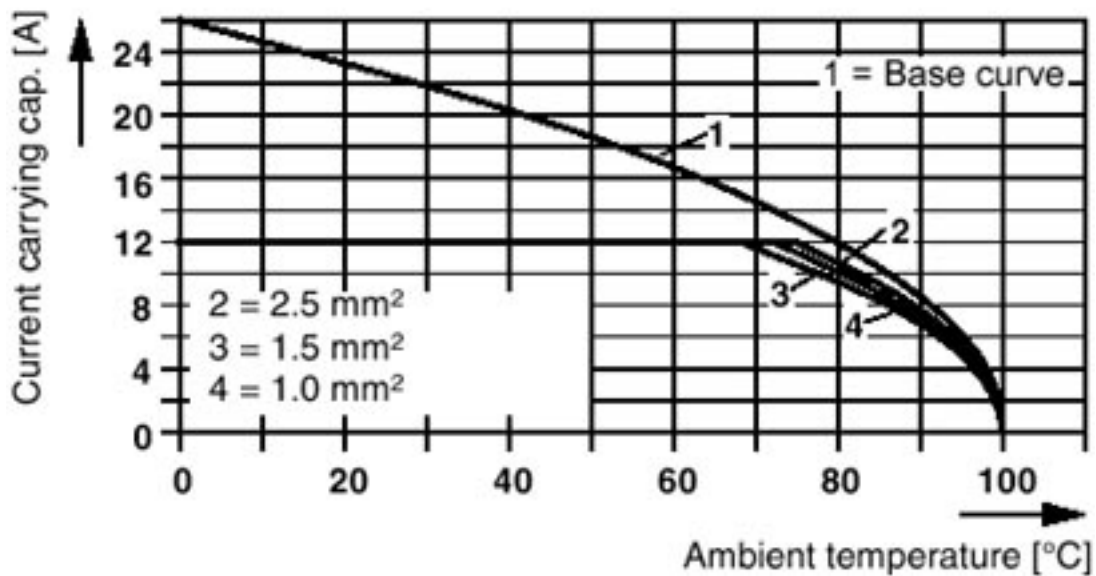
Plug: FRONT-MSTB 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



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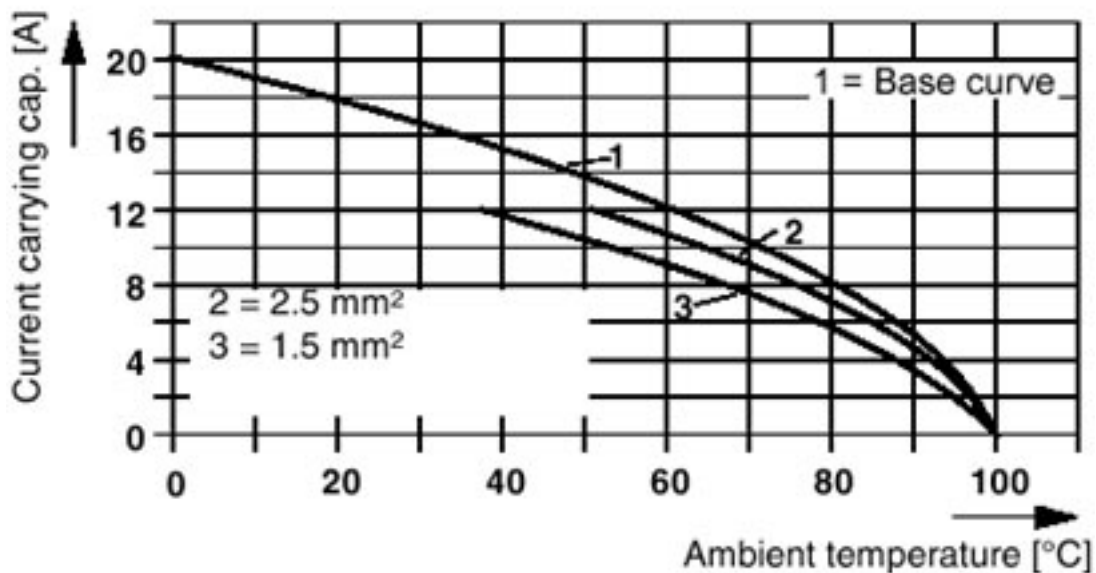
Diagram

Plug: TMSTBP 2,5/5-ST(F)-(5,08)  
Header: MSTB(A) 2,5/5-G(F)-(5,08)



Diagram

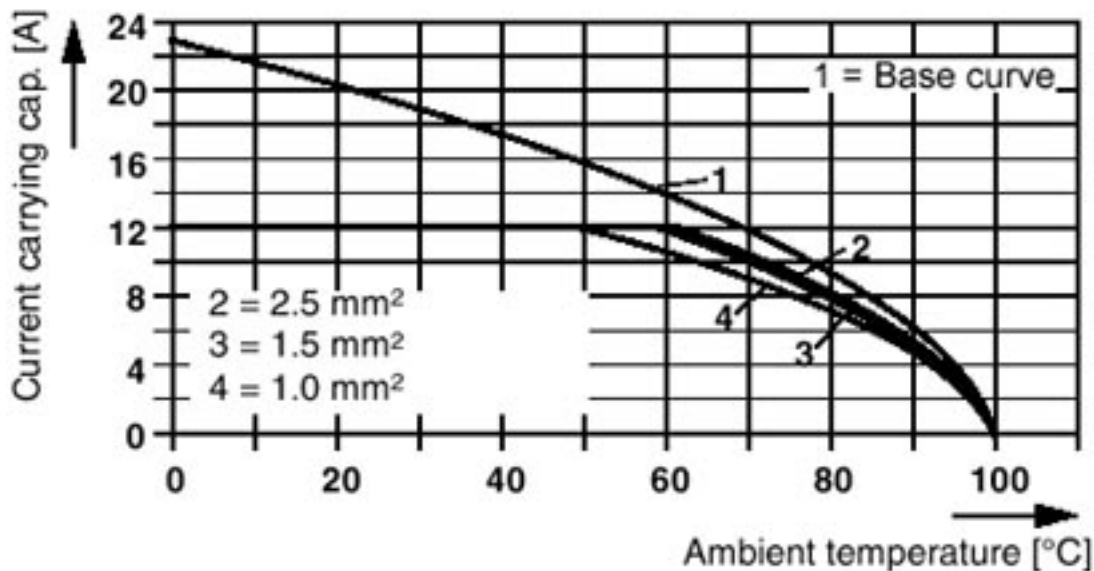
Plug: FKC 2,5/5-ST(F)-5,08  
Header: MSTB(A) 2,5/5-G(F)-5,08



### Base strip - MSTBA 2,5/12-G-5,08 - 1757349

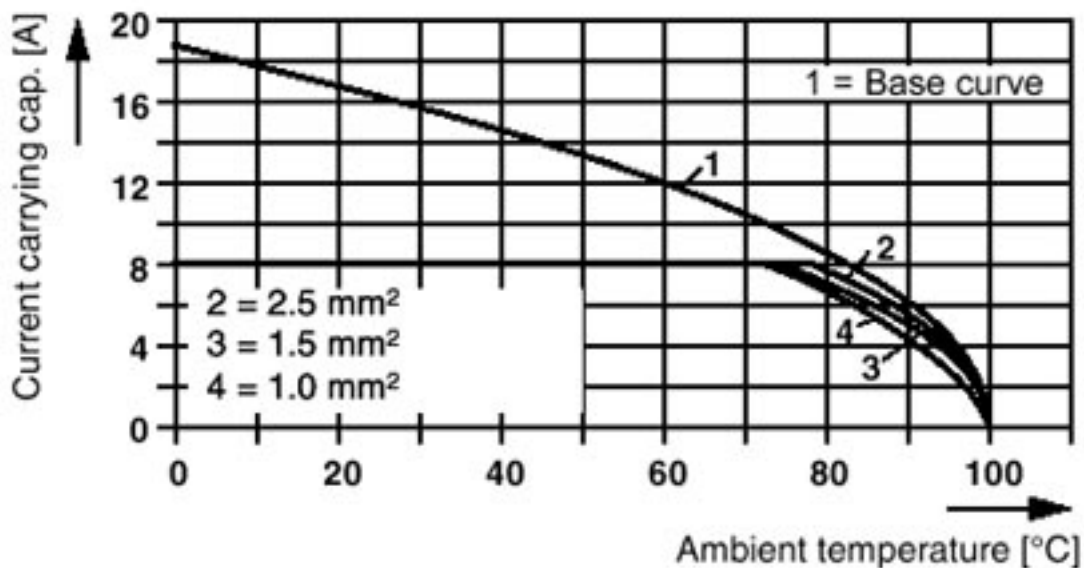
Diagram

Plug: FKCVR(W) 2,5/5-ST(F)-5,08  
 Header: MSTB(A) 2,5/5-G(F)-5,08



Diagram

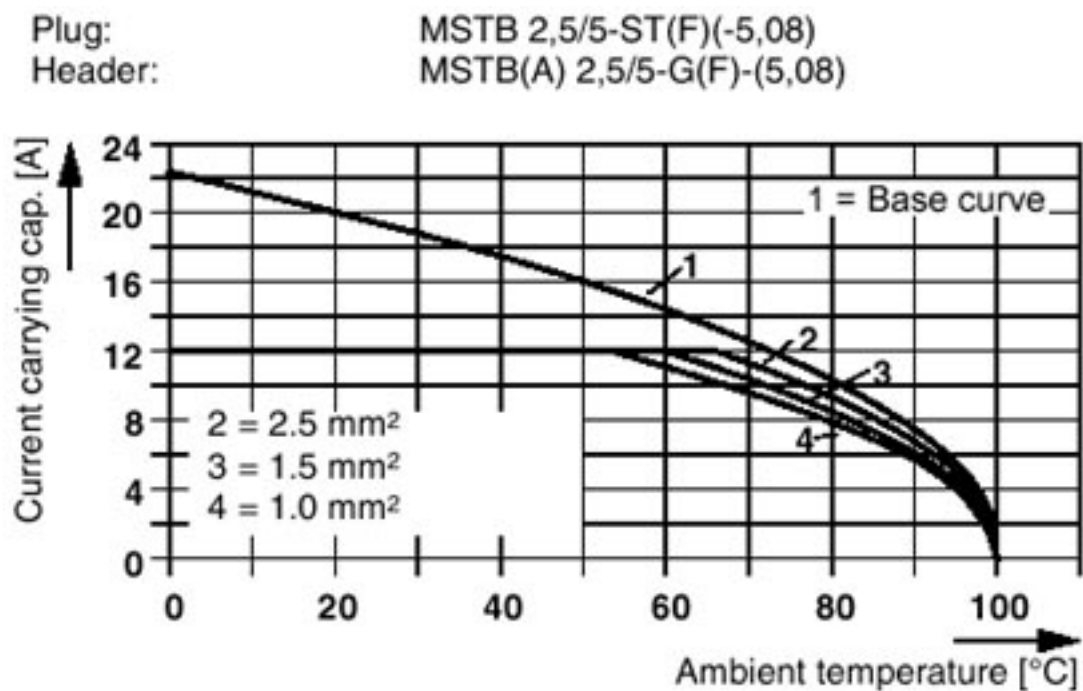
Plug: MSTB 2,5/5-ST(F)(-5,08)  
 Header: MSTBO 2,5/5-GR(L)(-5,08)





## Base strip - MSTBA 2,5/12-G-5,08 - 1757349

Diagram



### Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409



# Base strip - MSTBA 2,5/12-G-5,08 - 1757349

## Approvals

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#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized / EAC

#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
		B	D
Nominal current IN		15 A	10 A
Nominal voltage UN		300 V	300 V

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40004701
Nominal current IN		12 A	
Nominal voltage UN		250 V	

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-56062-B1B2
Nominal current IN		12 A	
Nominal voltage UN		250 V	

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
		B	D
Nominal current IN		15 A	10 A
Nominal voltage UN		300 V	300 V

EAC			B.01742
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## Base strip - MSTBA 2,5/12-G-5,08 - 1757349

### Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

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### Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

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### Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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### Terminal marking

## Base strip - MSTBA 2,5/12-G-5,08 - 1757349

### Accessories

Marker card - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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### Additional products

Printed-circuit board connector - FKCN 2,5/12-ST-5,08 - 1754665



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/12-ST-5,08 - 1757116



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/12-STZ-5,08 - 1764280



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTBP 2,5/12-ST-5,08 - 1769117



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

## Base strip - MSTBA 2,5/12-G-5,08 - 1757349

### Accessories

#### Printed-circuit board connector - FRONT-MSTB 2,5/12-ST-5,08 - 1777387

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MSTBT 2,5/12-ST-5,08 - 1781085

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MVSTBR 2,5/12-ST-5,08 - 1792346

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MVSTBW 2,5/12-ST-5,08 - 1792854

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



#### Printed-circuit board connector - MSTBC 2,5/12-ST-5,08 - 1808913

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte



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### Accessories

#### Printed-circuit board connector - MSTBC 2,5/12-STZ-5,08 - 1809608



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

#### Printed-circuit board connector - MSTBU 2,5/12-STD-5,08 - 1824227



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: Direct mounting

#### Printed-circuit board connector - MSTBU 2,5/12-ST-5,08-FL - 1824450



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: Direct mounting

#### Printed-circuit board connector - SMSTB 2,5/12-ST-5,08 - 1826380



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MSTBVK 2,5/12-ST-5,08 - 1831414



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail

## Base strip - MSTBA 2,5/12-G-5,08 - 1757349

### Accessories

Printed-circuit board connector - UMSTBVK 2,5/12-ST-5,08 - 1833917



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail

Printed-circuit board connector - FKC 2,5/12-ST-5,08 - 1873155



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/12-ST-5,08 - 1873757



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/12-ST-5,08 - 1874057



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 1/12-ST-5,08 - 1883705



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

## Base strip - MSTBA 2,5/12-G-5,08 - 1757349

### Accessories

Printed-circuit board connector - FKCT 2,5/12-ST-5,08 - 1902217



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCS 2,5/12-ST-5,08 - 1975176



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin